

GenCore version 4.5
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OM nucleic - nucleic search, using sw model
Run on: September 3, 2002, 03:16:38 ; Search time 46.74 Seconds
(without alignments)
115.617 Million cell updates/sec

Title: US-09-802-359B-1
Perfect score: 22
Sequence: 1 tgactgtgaacgttcgatgatga 22

Scoring table: IDENTITY_NUC
Gapop 10.0 ; Gapext 1.0

Searched: 383533 seqs, 122816752 residues
Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents_NA:
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCRTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfillseq1.seq:*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20.4	92.7	22	4	US-09-092-314-2
2	18.8	85.5	22	4	US-09-092-314-1
3	18.8	85.5	22	4	US-09-092-314-3
4	18.8	85.5	22	4	US-09-092-314-10
5	17.2	78.2	22	4	US-09-092-314-4
6	15.6	70.9	22	4	US-09-092-314-5
7	15.6	70.9	22	4	US-09-092-314-7
8	15.6	70.9	22	4	US-09-092-314-8
9	15.6	70.9	1418	4	US-08-391-615-7
10	15.6	70.9	1830	4	US-09-019-931-2
11	15.6	70.9	2305	1	US-08-391-613-1
12	15.6	70.9	6909	2	US-08-804-196-1
13	15.6	70.9	6909	2	US-08-658-340-1
14	15.6	70.9	6909	3	US-08-746-111-26
15	15.2	69.1	1892	2	US-08-933-750C-66
16	15.2	69.1	1892	3	US-09-234-613-66
17	15.2	69.1	6636	2	US-08-070-301-2
18	14.8	67.3	882	1	US-08-622-334-4
19	14.6	66.4	195	4	US-08-686-993A-34
20	14.6	66.4	404	4	US-09-060-756-303
21	14.6	66.4	913	2	US-08-975-316-61
22	14.6	66.4	1532	3	US-09-118-324-1
23	14.6	66.4	1614	4	US-09-046-894-29
24	14.6	66.4	2001	4	US-09-341-587-2
25	14.6	66.4	2694	3	US-08-975-703-5
26	14.6	66.4	2694	4	US-09-515-884-5
27	14.6	66.4	5408	1	US-08-471-058-20

ALIGNMENTS

Result No.	Score	Query Match	Length	ID	Description
28	14.6	66.4	5408	3	US-08-471-057-20
29	14.6	66.4	5802	4	US-09-341-587-4
30	14.6	66.4	28720	4	US-09-341-587-7
31	14.6	66.4	4403765	4	US-09-103-840A-2
32	14.6	66.4	4411529	4	US-09-103-840A-1
33	14.2	64.5	864	4	US-08-998-416-297
34	14.2	64.5	1166	4	US-08-121-063-7
35	14.2	64.5	176373	3	US-09-128-155-17
36	14	63.6	77	1	US-08-399-412A-58
37	14	63.6	95	4	US-08-952-793-258
38	14	63.6	95	5	PCR-US96-09455A-258
39	14	63.6	657	2	US-08-479-733A-22
40	14	63.6	657	3	US-08-487-427-22
41	14	63.6	657	3	US-08-479-727A-32
42	14	63.6	657	3	US-08-482-360A-22
43	14	63.6	657	3	US-09-009-217-10
44	14	63.6	657	3	US-09-009-656-10
45	14	63.6	657	5	PCR-US95-07439-22

RESULT 1
US-09-092-314-2
; Sequence 2, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; TITLE OF INVENTION: Sequence Activity
; Patent No. 6225292
; FILE REFERENCE: 6510-1730U1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-2

Query Match 92.7%; Score 20.4; DB 4; Length 22;
Best Local Similarity 95.5%; Pred. No. 0.054; Mismatches 1; Indels 0; Gaps 0;
Matches 21; Conservative 0;

DB 1 tgactgtgaacgttcgatgatga 22

RESULT 2
US-09-092-314-1
; Sequence 1, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; TITLE OF INVENTION: Sequence Activity
; Patent No. 6225292
; FILE REFERENCE: 6510-1730U1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06

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; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-1

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```

Query Match      85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Oy 1 tgactgtgaacgttcgagatga 22
    |||
Db 1 tgactgtgaagcttagagatga 22

```

```

RESULT 3
; Sequence 3, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-3

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```

Query Match      85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Oy 1 tgactgtgaacgttcgagatga 22
    |||
Db 1 tgactgtgaaccttagagatga 22

```

```

RESULT 4
; Sequence 10, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10

```

```

; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-10

```

```

Query Match      85.5%; Score 18.8; DB 4; Length 22;
Best Local Similarity 90.9%; Pred. No. 0.36;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

Oy 1 tgactgtgaacgttcgagatga 22
    |||
Db 1 tgactgtgaatgttagagatga 22

```

```

RESULT 5
; Sequence 4, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-4

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```

Query Match      78.2%; Score 17.2; DB 4; Length 22;
Best Local Similarity 86.4%; Pred. No. 2.4;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Oy 1 tgactgtgaacgttcgagatga 22
    |||
Db 1 tgactgtgaagcttagagatga 22

```

```

RESULT 6
; Sequence 5, Application US/09092314
; Patent No. 6225292
; GENERAL INFORMATION:
; APPLICANT: Raz, Eyal
; TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
; FILE REFERENCE: 6510-173US1
; CURRENT APPLICATION NUMBER: US/09/092,314
; CURRENT FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/048,794
; PRIOR FILING DATE: 1997-06-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence

```


GENERAL INFORMATION:
 APPLICANT: Hori, Kunio, Takahashi, Takeo, Okada, Takeo
 TITLE OF INVENTION: A Method For Detecting A Hybridized
 TITLE OF INVENTION: Nucleic Acid Molecule
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Frisshauf, Holtz, Goodman, Langer & Chick
 STREET: 767 Third Avenue
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10017-2023

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3+ Inch, 1.44 mb diskette
 COMPUTER: IBM PC
 OPERATING SYSTEM: MS DOS
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/019, 931
 FILING DATE: 06-FEB-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 9-025291
 FILING DATE: 07-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Barth, Richard
 REGISTRATION NUMBER: 28,180
 REFERENCE/DOCKET NUMBER: 980048/HG
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 319-4900
 TELEFAX: (212) 319-5101

TELETYPE:
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1830
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 IMMEDIATE SOURCE:
 LIBRARY: PGEX-PH

US-09-019-931-2
 Query Match 70.9%; Score 15.6; DB 4; Length 1830;
 Best Local Similarity 81.8%; Pred. No. 30;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1 tgactgtgaacctgcgagatga 22
 Db 881 TGACTTTGAACTGGGAGAGA 902

RESULT 11
 US-08-391-615-1
 Sequence 1, Application US/08391615
 Patent No. 5550054
 GENERAL INFORMATION:
 APPLICANT: Witte, Owen
 APPLICANT: Tsukada, Satoshi
 APPLICANT: Saffran, Douglas
 APPLICANT: Rawlings, David
 TITLE OF INVENTION: HEMATOPOIETIC RESTRICTED TYROSINE KINASE
 TITLE OF INVENTION:
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-4187

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/391, 615
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/006, 449
 FILING DATE: 21-JAN-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Rowland, Bertram I
 REGISTRATION NUMBER: 20,015
 REFERENCE/DOCKET NUMBER: A-57583-1/BIR UCLA 232-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELETYPE: 910 277299 FHT UR

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2505 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: CDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 137..2116

US-08-391-615-1
 Query Match 70.9%; Score 15.6; DB 1; Length 2505;
 Best Local Similarity 81.8%; Pred. No. 32;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1 tgactgtgaacctgcgagatga 22
 Db 262 TGACTTTGAACTGGGAGAGA 283

RESULT 12
 US-08-804-196-1/C
 Sequence 1, Application US/08804196
 Patent No. 5874256
 GENERAL INFORMATION:
 APPLICANT: Bertina, Rogier
 APPLICANT: Bertina, Pieter
 TITLE OF INVENTION: A method for diagnosing an increased
 TITLE OF INVENTION: risk for thrombosis or a genetic defect causing
 TITLE OF INVENTION: thrombosis and kit for use with the same.
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Akzo No. 5874256e1 Patent Department
 STREET: 1300 Piccard Drive, Suite 206
 CITY: Rockville
 STATE: Maryland
 COUNTRY: USA
 ZIP: 20850

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/804, 196
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/454, 353
 FILING DATE: 06-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Gortmley, Mary E.
 REGISTRATION NUMBER: 34,409
 TELECOMMUNICATION INFORMATION:

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk


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? CITY: Palo Alto
? STATE: CA
? COUNTRY: USA
? ZIP: 94304
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Diskette
? COMPUTER: IBM CompatIble
? OPERATING SYSTEM: DOS
? SOFTWARE: FastSEQ for Windows Version 2.0
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/933,750C
? FILING DATE: September 23, 1997
? CLASSIFICATION: 536
? PRIORITY APPLICATION DATA:
? APPLICATION NUMBER:
? FILING DATE:
? ATTORNEY/AGENT INFORMATION:
? NAME: Billings, Lucy J.
? REGISTRATION NUMBER: 36,749
? REFERENCE/DOCKET NUMBER: PF-0356 US
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 415-855-0555
? TELEFAX: 415-845-4166
? TELEX:
? INFORMATION FOR SEQ ID NO: 66:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1892 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? IMMEDIATE SOURCE:
? LIBRARY: BRSTNOT03
? CLONE: 641127
? US-08-933-750C-66

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Query Match 69.1%; Score 15.2; DB 2; Length 1892;
Best Local Similarity 85.0%; Pred. No. 49;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1 tgactgtgaaccttcgagat 20
Db 1278 TGAATGTGAAGGTTCCAGACT 1259

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Search completed: September 3, 2002, 04:25:20
 Job time: 4122 sec